

CLAIMS:

1. An electrophotographic printing machine comprising:

a photoconductive member having a path a movement through said plurality of xerographic stations, said photoconductive member including a segmented ground plane, said segmented ground plane being define into individual portions by insulating separation lines in said ground plane; and

a grounding strip electrical connected each individual portions.
2. The electrophotographic printing machine of claim 1, wherein said photoconductive member includes a photosensitive layer comprises a charge generating layer and a charge transporting layer.
3. The electrophotographic printing machine of claim 1, further comprising a biasing pad, in contact with said grounding strip associated with at least one of said xerographic process stations.
4. The electrophotographic printing machine of claim 3, further comprising means for biasing said bias pad to generate a first predefined tailored field on the surface of photoconductive member at a region associated with at least one of said xerographic process stations.
5. The electrophotographic printing machine of claim 1, wherein said insulating lines less than 20 microns apart.

6. The electrophotographic printing machine of claim 1, wherein said insulating lines less than 10 microns apart.